

ABSTRACT OF THE DISCLOSURE

[0091] The present invention is directed to cell surface antigens found on myeloma cells and on ovarian cancer cells, and monoclonal antibodies, and antibody binding fragments thereof, capable of being used for therapeutic, diagnostic, detection and cell purification purposes. An exemplified monoclonal antibody of the present invention recognizes and binds to an epitope common to surface antigen expressed on multiple myeloma cells and on ovarian cancer cells.